

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (currently amended): A connecting device connecting a spray boom to a chassis of an agricultural sprayer, ~~and which comprises~~ comprising:

a single quadrilateral including an upper arm and a lower arm, one of said upper arm and lower arm being a carrying arm and the other arm being an orienting arm,

wherein said carrying arm has a T-shaped structure including a head T that is located on a same side as said spray boom, and said single quadrilateral is arranged in a plane which is substantially vertical and substantially parallel to a longitudinal plane of said sprayer.

Claim 2 (currently amended): ~~Connecting~~ The connecting device as claimed in claim 1, ~~wherein~~ wherein said quadrilateral is contained in a vertical mid-plane of said chassis.

Claim 3 (currently amended): ~~Connecting~~ The connecting device as claimed in claim 1, ~~wherein~~ wherein said quadrilateral is deformable.

Claim 4 (currently amended): ~~Connecting~~ The connecting device as claimed in claim 3, ~~wherein~~ wherein said quadrilateral is deformed by an actuator.

Claim 5 (canceled)

Claim 6 (currently amended): ~~Connecting~~ The connecting device as claimed in claim 1, ~~wherein~~ wherein said quadrilateral is a trapezium.

Claim 7 (currently amended): ~~Connecting~~ The connecting device as claimed in claim 1, ~~wherein~~ wherein said quadrilateral is a parallelogram.

Claim 8 (currently amended): ~~Connecting~~ The connecting device as claimed in claim [[5]] 1, ~~wherein~~ wherein the upper arm and the lower arm are connected, on one hand, to the chassis and, on another hand, to said spray boom by ~~means of~~ respective articulations, the respective axes of which are substantially orthogonal to said plane containing said quadrilateral.

Claim 9 (currently amended): ~~Connecting~~ The connecting device as claimed in claim 8, ~~wherein~~ wherein said articulations are located in said plane containing said quadrilateral.

Claims 10-12 (canceled)

Claim 13 (currently amended): ~~Connecting~~ The connecting device as claimed in claim 4, ~~wherein the quadrilateral comprises an upper arm and a lower arm, one of said arms is a carrying arm and the other arm is an orienting arm, wherein~~ said actuator acts on said carrying arm.

Claim 14 (currently amended): ~~Connecting~~ The connecting device as claimed in claim 4, ~~wherein the quadrilateral comprises an upper arm and a lower arm, one of said arms is a carrying arm and the other arm is an orienting arm, wherein~~ said orienting arm is widened to leave a passage for said actuator.

Claim 15 (currently amended): ~~Connecting~~ The connecting device as claimed in claim 4, ~~wherein~~ wherein said actuator is a ram.

Claim 16 (currently amended): An agricultural sprayer comprising at least one spray boom connected to a chassis by ~~means of~~ a connecting device as claimed in claim 1.

Claim 17 (currently amended): ~~Agricultural~~ The agricultural sprayer as claimed in claim 16, which sprayer is of a trailed type.

Claim 18 (currently amended): ~~Agricultural~~ The agricultural sprayer as claimed in claim 16, which sprayer is of a mounted type.

Claim 19 (currently amended): ~~Agricultural~~ The agricultural sprayer as claimed in claim 16, which sprayer is of a self-propelled type.